§421.225

NSPS FOR THE SECONDARY MOLYBDENUM AND VANADIUM SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|--|
| | mg/kg (pounds per million pounds) of technical grade molybdenum plus vanadium plus pure grade molybdenum pro- duced | |
| Arsenic | 27.120 7.219 5.463 10.731 23.413 [Reserved] 8078.000 292.665 | 12.097 2.927 2.536 7.219 11.902 [Reserved] 3551.000 234.132 |
| pH | (1) | (1) |

¹ Within the range of 7.5 to 10.0 at all times.

(b) Molybdenum filtrate solvent extraction raffinate.

NSPS FOR THE SECONDARY MOLYBDENUM AND VANADIUM SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|--|
| | mg/kg (pounds per million pounds) of technical grade molybdenum plus vanadium plus pure grade molybdenum pro- duced | |
| Arsenic | 80.952 21.548 16.306 32.031 69.887 [Reserved] 24114.000 873.585 | 36.108 8.736 7.571 21.548 35.526 [Reserved] 10600.000 698.868 |
| pH | (1) | (1) |

¹ Within the range of 7.5 to 10.0 at all times.

(c) Vanadium decomposition wet air pollution control.

NSPS FOR THE SECONDARY MOLYBDENUM AND VANADIUM SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|--|---|---|
| | | ds per millior molybdenum um produced |
| Arsenic Chromium Lead Nickel Iron Molybdenum | 0.000 0.000 0.000 0.000 0.000 | 0.000 0.000 0.000 0.000 0.000 |

NSPS FOR THE SECONDARY MOLYBDENUM AND VANADIUM SUBCATEGORY—Continued

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|-----------------------------|-----------------------------------|
| Ammonia (as N) | 0.000 0.000 (¹) | 0.000 0.000 (¹) |

¹ Within the range of 7.5 to 10.0 at all times.

(d) Molybdenum drying wet air pollution control.

NSPS FOR THE SECONDARY MOLYBDENUM AND VANADIUM SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|---|---|
| | mg/kg (pounds per million pounds) of molybdenum and vanadium produced | |
| Arsenic | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 |
| pH | (1) | (1) |

¹ Within the range of 7.5 to 10.0 at all times.

NSPS FOR THE SECONDARY MOLYBDENUM AND VANADIUM SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|---|
| | | ds per million pure molyb- duced |
| Arsenic | 32.359 8.614 6.518 12.804 27.936 [Reserved] 9638.000 349.200 (¹) | 14.434 3.492 3.026 8.614 14.201 [Reserved] 4237.000 279.360 (¹) |

¹ Within the range of 7.5 to 10.0 at all times.

 $[50~{\rm FR}~38357,~{\rm Sept.}~20,~1985,~{\rm as~amended}~{\rm at}~55~{\rm FR}~31704,~{\rm Aug.}~3,~1990]$

§421.225 [Reserved]

§ 421.226 Pretreatment standards for new sources.

Except as provided in 40 CFR 403.7, any new source subject to this subpart

⁽e) Pure Grade Molybdenum.

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which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for new sources. The mass of wastewater pollutants in secondary molybdenum and vanadium process wastewater introduced into a POTW shall not exceed the following values:

(a) Leach tailings.

PSNS FOR THE SECONDARY MOLYBDENUM AND VANADIUM SUBCATEGORY

| Maximum for any 1 Maximum for monthly average mg/kg (pounds per million pounds) of technical grade molybdenum plus vanadium plus pure grade molybdenum produced 12.097 Chromium 7.219 2.927 Lead 5.463 2.536 Nickel 10.731 7.219 Iron 23.413 11.902 Molybdenum [Reserved] Ammonia (as N) 8078.000 3551.000 | | | |
|--|---------------------------------|--|-------------|
| Arsenic 27.120 12.097 Chromium 7.219 2.927 Lead 5.463 2.536 Nickel 10.731 7.219 Iron 23.413 11.902 Molybdenum [Reserved] [Reserved] | Pollutant or pollutant property | for any 1 | for monthly |
| Chromium 7.219 2.927 Lead 5.463 2.536 Nickel 10.731 7.219 Iron 23.413 11.902 Molybdenum [Reserved] [Reserved] | | pounds) of technical grade molybdenum plus vanadium plus pure grade molybdenum pro- | |
| Lead 5.463 2.536 Nickel 10.731 7.219 Iron 23.413 11.902 Molybdenum [Reserved] [Reserved] | Arsenic | 27.120 | 12.097 |
| Nickel 10.731 7.219 Iron 23.413 11.902 Molybdenum [Reserved] [Reserved] | Chromium | 7.219 | 2.927 |
| Iron 23.413 11.902 Molybdenum [Reserved] [Reserved] | Lead | 5.463 | 2.536 |
| Molybdenum [Reserved] [Reserved] | Nickel | 10.731 | 7.219 |
| | Iron | 23.413 | 11.902 |
| Ammonia (as N) | Molybdenum | [Reserved] | [Reserved] |
| | Ammonia (as N) | 8078.000 | 3551.000 |

(b) Molybdenum filtrate solvent extraction raffinate.

PSNS FOR THE SECONDARY MOLYBDENUM AND VANADIUM SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------------|
| | mg/kg (pounds per million pounds) of technical grade molybdenum plus vanadium plus pure grade molybdenum pro- duced | |
| Arsenic | 80.952 | 36.108 |
| Chromium | 21.548 | 8.736 |
| Lead | 16.306 | 7.571 |
| Nickel | 32.031 | 21.548 |
| Iron | 69.887 | 35.526 |
| Molybdenum | [Reserved] | [Reserved] |
| Ammonia (as N) | 24114.000 | 10600.000 |

(c) Vanadium decomposition wet air pollution control.

PSNS FOR THE SECONDARY MOLYBDENUM AND VANDADIUM SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|--|
| | pounds) va | ds per million anadium pro- ecomposition |
| Arsenic | 0.000 0.000 0.000 0.000 0.000 0.000 | 0.000 0.000 0.000 0.000 0.000 0.000 |

(d) Molybdenum drying wet air pollution control.

PSNS FOR THE SECONDARY MOLYBDENUM AND VANDADIUM SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|-----------------------------|------------------------------|
| | | ds per million molybdenum |
| | | |
| Arsenic | 0.000 | 0.000 |
| Chromium | 0.000 | 0.000 |
| Lead | 0.000 | 0.000 |
| Nickel | 0.000 | 0.000 |
| Iron | 0.000 | 0.000 |
| Molybdenum | 0.000 | 0.000 |
| Ammonia (as N) | 0.000 | 0.000 |

(e) Pure Grade Molybdenum.

PSNS FOR THE SECONDARY MOLYBDENUM AND VANADIUM SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|--|---|
| | mg/kg (pounds per million pounds) of pure molyb- denum produced | |
| Arsenic Chromium Lead Nickel Iron Molybdenum Ammonia (as N) | 32.359 8.614 6.518 12.804 27.936 [Reserved] 9638.000 | 14.434 3.492 3.026 8.614 14.201 [Reserved] 4237.000 |

[50 FR 38357, Sept. 20, 1985, as amended at 55 FR 31704, 31705 Aug. 3, 1990]